



El Camino College
COURSE OUTLINE OF RECORD – Official

Course Acronym:	ART
Course Number:	274
Descriptive Title:	Jewelry Fabrication
Division:	Fine Arts
Department:	Art
Course Disciplines:	Art
Catalog Description:	In this intermediate course, students will develop design skills and concepts through individual projects in jewelry fabrication, surface embellishment, forming, stone setting, and tool making.
Prerequisite:	Art 173 with a minimum grade of C
Co-requisite:	
Recommended Preparation:	
Enrollment Limitation:	
Hours Lecture (per week):	2
Hours Laboratory (per week):	4
Outside Study Hours:	4
Total Course Hours:	108
Course Units:	3
Grading Method:	Letter Grade only
Credit Status:	Credit, degree applicable
Transfer CSU:	Yes
Effective Date:	Prior to July 1992
Transfer UC:	No
Effective Date:	
General Education: ECC	
Term:	
Other:	
CSU GE:	
Term:	
Other:	
IGETC:	
Term:	
Other:	
CalGETC:	
Term:	

Other:	
Student Learning Outcomes:	SLO #1 Synthesis of Design Principles Students will be able to synthesize, and apply the principles of jewelry design fabrication and appropriate intermediate-level practices to create an original finished jewelry object. SLO #2 Terminology Students will be able to define and explain terminology, methods and materials, appropriate to the intermediate level. SLO #3 Craftsmanship Students will be able to evaluate a jewelry object relative to concept, design and control of the medium (craftsmanship) through written and oral communication.
Course Objectives:	1. Demonstrate intermediate jewelry techniques such as anticlastic forming, chasing and repousse, stone setting, prong, gypsy, tube, bezel, tool making, reticulation, granulation, Mokume-gane, engraving, and inlay 2. Identify and employ principles of visual organization as they apply to the aesthetics and functional considerations of contemporary jewelry fabrication. 3. Identify and define technical terminology relevant to intermediate-level jewelry fabrication. 4. Evaluate jewelry in terms of aesthetic and functional considerations, conceptual content, technique, and craft. 5. Recognize and utilize various materials such as ferrous metals, precious metals, precious / semi-precious stones, and nontraditional materials. 6. Develop original sketches and designs consistent with required jewelry specifications. 7. Demonstrate correct use and maintenance of tools, materials, equipment.
Major Topics:	I. Organization and development individual designs (14 hours, lecture) A. Design 1. Historic and Contemporary aesthetics 2. Functional considerations B. Materials 1. Metals 2. Non-metals C. Critique II. Analysis and instruction in technical processes (18 hours, lecture) A. Tools and Equipment B. Safety and Maintenance C. Studio Techniques 1. Forming 2. Soldering 3. Stone Setting 4. Surface embellishment III. Portfolio review (4 hours, lecture) IV. Development of individual designs and strategies (12 hours, lab) A. Drawing and Sketching B. Modelmaking V. Analysis and Application of Technical Processes (60 hours, lab) A. Forming Methods B. Soldering Techniques C. Stone Setting D. Surface Embellishment
Total Lecture Hours:	36

Total Laboratory Hours:	72
Total Hours:	108
A.1. Primary Methods of Evaluation (Part 1 - CCN courses only):	
A.2. Primary Method of Evaluation (Part 2 - all courses; choose one):	3) Skills demonstration
Typical Assignment Using Primary Method of Evaluation:	Design a series of earrings demonstrating the application of contemporary aesthetics and functional considerations. Employ some or all of the following technical processes: soldering, stone setting, chasing, Repousse and reticulation, and surface embellishment.
Critical Thinking Assignment 1:	Create, develop and complete a pendant integrating chasing and Repousse, tool making, soldering, stone setting and patination. Analyze functional considerations and utilize the appropriate technical processes as per classroom lecture.
Critical Thinking Assignment 2:	Develop and complete a neckpiece integrating reticulation, forging, soldering, stone setting. Analyze functional considerations and contemporary jewelry aesthetics to evaluate your project.
Other Evaluation Methods:	Class Performance, Fieldwork, Homework Problems, Presentation, Quizzes, Written Homework
Instructional Methods:	Demonstration, Discussion, Field trips, Group Activities, Guest Speakers, Lab, Lecture
If other:	Internet Presentation/Resources critiques individual conference
Work Outside of Class:	Journal (done on a continuing basis throughout the semester), Observation of or participation in an activity related to course content (such as theatre event, museum, concert, debate, meeting), Problem solving activity, Required reading
If Other:	
Up-To-Date Representative Texts:	Young, Anastasia. <u>The Workbench Guide to Jewelry Techniques</u> . first ed. Quarto Publishing, 2010. (discipline standard)
Alternative Texts:	
Required Supplementary Readings:	
Other Required Materials:	Metals, various jewelry supplies, and studio tools
Requisite:	Prerequisite
Category:	sequential
Requisite course(s): List both prerequisites and corequisites in this box.	Art-173
Requisite and Matching skill(s):Bold the requisite skill. List the corresponding	Basic jewelry fabrication skills, including sawing, filing, soldering and finishing. ART 73AB - Create finished jewelry employing sawing, filing, annealing, soldering, forming, surface embellishment, stone setting, casting, and polishing.

course objective under each skill(s).	Ability to take a project from an initial idea through the necessary technical processes to final product. ART 73AB - Develop and sketch original jewelry designs. ART 73AB - Identify and utilize precious and ferrous metals, precious and semi-precious stones, and copper-based alloys to create finished jewelry. ART 73AB - Analyze and apply the technical processes necessary to produce finished jewelry objects.
Requisite Skill:	
Requisite Skill and Matching Skill(s): Bold the requisite skill(s). If applicable	
Requisite course:	
Requisite and Matching skill(s):Bold the requisite skill. List the corresponding course objective under each skill(s).	
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Enrollment Limitations and Category:	
Enrollment Limitations Impact:	
Course Created by:	Irene Mori
Date:	04/01/1988
Original Board Approval Date:	
Last Reviewed and/or Revised by:	Vince Palacios
Date:	10/25/2026
Last Board Approval Date:	12/16/2025
Effective Term:	FA 2026